

Type a plus sign (+) inside this box [+]

Approved for use through 9/30/98

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/01 (8/96)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Attorney Docket Number</td> <td>3282-00026</td> </tr> <tr> <td>First Named Inventor</td> <td>Donn R. Dresselhuys</td> </tr> <tr> <td colspan="2" style="text-align: center;">COMPLETE IF KNOWN</td> </tr> <tr> <td>Application Number</td> <td></td> </tr> <tr> <td>Filing Date</td> <td></td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> </table>	Attorney Docket Number	3282-00026	First Named Inventor	Donn R. Dresselhuys	COMPLETE IF KNOWN		Application Number		Filing Date		Group Art Unit		Examiner Name	
Attorney Docket Number	3282-00026														
First Named Inventor	Donn R. Dresselhuys														
COMPLETE IF KNOWN															
Application Number															
Filing Date															
Group Art Unit															
Examiner Name															

DECLARATION

Declaration ☐ Submitted with Initial Filing

OR

Declaration ☐ Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTRONIC ELECTRIC METER FOR NETWORKED METER READING

(Title of the Invention)

the specification of which ☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 5 September 1997 as United States Application Number or PCT

International Number PCT/US97/15728 and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designed at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Copy Attached?
				YES NO
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority sheet attached hereto:

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional
		<input type="checkbox"/> Application numbers are listed on a supplemental priority sheet attached hereto.

Type a plus sign (+) inside this box [+]

DECLARATION								
<p>I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365© of any PCT international application designated the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States of PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.</p>								
U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)					
	PCT/US97/15728	September 5, 1997						
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority sheet attached hereto.								
<p>As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:</p>								
Name		Registration Number		Name		Registration Number		
Glenn O. Starke		17,031		Edward R. Williams, Jr.		36,057		
Eugene R. Sawall		17,431		Joseph D. Kuborn		40,689		
Daniel D. Fetterley		20,323		William K. Baxter		41,606		
George H. Solveson		25,927		William L. Falk		27,709		
Gary A. Essmann		29,376						
Thomas M. Wozny		28,922						
Michael E. Taken		28,120						
Joseph J. Jochman, Jr.		25,058						
Andrew S. McConnell		32,272						
<input type="checkbox"/> Additional attorney(s) and/or agent(s) named on a supplemental sheet attached hereto.								
<input checked="" type="checkbox"/> Please direct all correspondence to: Name William K. Baxter								
Address Andrus, Scales, Starke & Sawall, LLP								
Address 100 East Wisconsin Avenue, Suite 1100								
City Milwaukee		State Wisconsin		Zip 53202-4178				
Country United States		Telephone (414) 271-7590		Fax (414) 271-5770				
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>								
<p>Name of Sole or First Inventor: <input type="checkbox"/> A petition has been filed for this unsigned inventor</p>								
Given Name (first and middle [if any])				Family Name or Surname				
LANCE A.				EHRKE				
Inventor's Signature					Date		3/23/99	
RESIDENCE: City Brookfield		State WI		Country USA		Citizenship USA		
POST OFFICE ADDRESS 18305 Bennington Drive								
City Brookfield		State WI		Zip 53045		Country USA		
<input checked="" type="checkbox"/> Additional inventors are being named on supplemental sheet(s) attached hereto.								

Please type a plus sign (+) inside this box [+]

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
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Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
KIMBEL A.				NAP			
Inventor's Signature		<i>Kimbel A. Nap</i>		Date		2/23/99	
RESIDENCE: City		Glendale		State		WI	
				Country		USA	
POST OFFICE ADDRESS		6220 Sunny Point Road					
City		Glendale		State		WI	
				Zip		53217	
				Country		USA	

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
DONN R.				DRESSELHUYS			
Inventor's Signature		<i>Donn R. Dresselhuys</i>		Date		2/23/99	
RESIDENCE: City		Shorewood		State		WI	
				Country		USA	
POST OFFICE ADDRESS		3565 North Lake Drive					
City		Shorewood		State		WI	
				Zip		53211	
				Country		USA	

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
RESIDENCE: City				State			
				Country			
POST OFFICE ADDRESS							
City				State			
				Zip			
				Country			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 2635

In re

Patent Application of

Lance A. Ehrke, et al.

Application No. 09/242,792

Confirmation No. 1516

Filed: February 23, 1999

Examiner: Albert Kang Wong

"ELECTRONIC ELECTRIC METER
FOR NETWORKED METER READING"

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Silver Spring Networks, Inc. ("Assignee"), a Delaware corporation, being the owner of all right, title and interest in the above-identified patent application by virtue of:

Assignment from Lance A. Ehrke, Kimbel A. Nap and Donn R. Dresselhuys to Innovatec Communications, LLC, Reel 10457 and Frames 621-624, recorded on December 23, 1999;

Assignment from Innovatec Communications, LLC to St Andrews Acquisitions, LLC, Reel 13211 and Frame 881, recorded on August 20, 2002; and

Assignment from St Andrews Acquisitions, LLC to Silver Spring Networks, Inc., signed August 13, 2002, copy attached.

hereby revokes all powers of attorney previously granted in connection with said patent application and hereby appoints the registered practitioners associated with the customer number identified below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Customer Number



23409

PATENT TRADEMARK OFFICE

The undersigned hereby states that the evidentiary documents have been reviewed, and certifies that, to the best of Assignee's knowledge and belief, title is in Assignee and that the undersigned is an officer of Assignee and has authority to execute this document on behalf of Assignee.

Please send all further correspondence to:

Thomas A. Miller
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Milwaukee, Wisconsin 53202-4108
Telephone: (414) 271-6560

Silver Spring Networks, Inc.

Dated:

December 17, 2002

Thomas F. Schrader
Chief Operating Officer

File No.: 086485-9002-00

ASSIGNMENT

WHEREAS, St Andrews Acquisitions, LLC, a Wisconsin limited liability company (the "Assignor") owns the rights to certain patents and trademarks;

WHEREAS, Silver Spring Networks, Inc., a Delaware corporation (the "Assignee") owns all of the issued and outstanding membership interests of Assignor and is the corporate parent of Assignor; and

WHEREAS, Assignor desires to assign its patents and trademarks to Assignee;

NOW THEREFORE, for good and valuable consideration, the adequacy of which is hereby acknowledged, Assignor does hereby assign unto Assignee and Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to the inventions, applications and the letters patent, both of the United States and of other countries, set forth on the attached Schedule A and the trademark registrations, trademark applications, common law trademarks and goodwill associated therewith, both of the United States and of other countries, set forth on the attached Schedule B.

UPON SAID CONSIDERATION, Assignor does hereby covenant with Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this Assignment, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

* * * * *

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be effective as of August 13, 2002.

ASSIGNOR:

ASSIGNEE:

ST ANDREWS ACQUISITIONS, LLC

SILVER SPRING NETWORKS, INC.

By: 

Jack Thompson, Manager

By: _____

Keith Burge, President

IN WITNESS WHEREOF, the undersigned have executed this Assignment to be effective as of August 13, 2002.

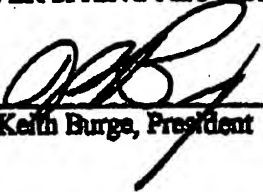
ASSIGNOR:

ASSIGNEE:

ST ANDREWS ACQUISITIONS, LLC

SILVER SPRING NETWORKS, INC.

By: _____
Jack Thompson, Manager

By:  _____
Keith Burge, President

Schedule A

List of Patents

Title: Improved Meter for Measuring Volumetric Consumption of a Commodity

Country: USA

Inventors: Donn Dresselhuys, Kimbel Nap and Lance Ehrke

Patent Number: 5,659,300

Issue Date: 5/19/97

Summary: This patent covers the inductive coupling between a meter located in a pit and an antenna mounted to a pit lid.

Title: Automatic Meter Reading Data Communication System

Inventors: Donn Dresselhuys, Kimbel Nap and Lance Ehrke

Country: USA

Patent Number: 6,246,697

Issue Date: June 12, 2001

Country: Mexico

Serial Number: 991134

Filing Date: 3/4/99

Country: Canada

Serial Number: 2264796

Filing Date: 3/3/99

Country: Europe

Serial Number: 97940306.9

Filing Date: 3/31/99

Country: Japan

Serial Number: 512892/1998

Filing Date: 3/30/99

Summary: This patent covers the interface management unit (IMU) and the way the IMU attaches to a meter and transmits information to a gateway unit.

Title: Electronic Electric Meter for Networked Meter Reading

Inventors: Donn Dresselhuys, Kimbel Nap and Lance Ehrke

Country: USA

Serial Number: 09/242,742

Filing Date: 2/23/99

Country: Mexico
Serial Number: 992132
Filing Date: 3/4/99

Country: Canada
Serial Number: 2264913
Filing Date: 3/3/97

Country: Europe
Serial Number: 97940881.2
Filing Date: 3/31/99

Country: Japan
Serial Number: 512968/1958
Filing Date: 3/30/99

Summary: This patent covers the electronic electric meter and the communication methods to the gateway node and between the electric meter and possible gas and water meters.

Title: Flush Mounted Pit Lid Antenna

Inventors: Kimbel Nap and Eric Drosselhuys

Country: USA
Serial Number: 09/791,372
Filing Date: 2/23/01

Summary: This patent will cover a pit lid antenna that is flush with the top of a pit lid while still allowing for an acceptable broadcast range.

Patent No.	Issue Date
6,369,769	04/09/2002
6,246,677	06/12/2001
5,659,300	08/19/1997

Schedule B
List of Trademarks

Trademark Number	Issue/Filing Date
AXISPORTAL 2,560,280	04/09/2002
AXISPATH 2,557,288	04/02/2002
AXISQ/ATE 76/118,561	08/29/2000
POWERPOINT 76/118,558	08/29/2000
INTERFACE MANAGEMENT UNIT 76/118,559	08/29/2000
INNOVATEC 2,281,957	09/28/1999